

**CALIFORNIA ENERGY COMMISSION**

1516 Ninth Street  
Sacramento, California 95814

Main website: [www.energy.ca.gov](http://www.energy.ca.gov)



**Addendum 5**

**PON-08-010**

**GRANT SOLICITATION APPLICATION PACKAGE**

**American Recovery and Reinvestment Act of 2009 Cost Share**

**Alternative and Renewable Fuel and Vehicle**

**Technology Program**

The purpose of this addendum is to clarify addendum 4 and amend Table 2 footnote 1, so that confidential information is not required for pre-proposals under DE-FOA-0000065.

The updated Table 1 reduces the amount available to \$156 Million by removing two categories under Market and Development: Workforce Training and Standards and Certifications. Table 2 adds the EERE-Biorefinery DE-FOA-0000096 schedule.

Table 1 and Table 2 have been included in this addendum for ease of reference.

Table 2

Announcement Title and Number	Pre-Proposals to Energy Commission	Letter of Intent Provided To Applicants	Final Proposals to Energy Commission by 3:00 p.m.	Tentative Dates for Federal Award Notifications
Transportation Electrification DE-FOA-0000028 Round 1	5/8/09	5/11/09	5/20/09	7/09
Battery & Component Manufacturing DE-FOA-0000026	5/8/09	5/15/09	5/26/09	7/09
TIGGER	5/8/09	5/20/09	5/29/09	8/09
Clean Cities Round 1	5/8/09	5/27/09	6/5/09	8/09
Advanced Research Projects Agency – Energy (ARPA-E) DE-FOA-0000065	5/19/09 – 6/9/09 <sup>1</sup>	TBD	TBD <sup>2</sup>	<sup>3</sup>
Clean Cities Round 2	9/1/09	9/28/09	10/7/08	12/09
EERE – Integrated Biorefinery Operations – DE-FOA-0000096	6/11/09	6/26/09	7/9/09	9/09
Transportation Electrification, possible Round 2	TBD	TBD	TBD	TBD
Battery & Component Manufacturing, possible Round 2	TBD	TBD	TBD	TBD
Department of Labor	TBD	TBD	TBD	TBD
General Services Administration	TBD	TBD	TBD	TBD

<sup>1</sup> ARPA-E concept paper submittal opens May 12, 2009 and closes June 2, 2009. **Pre-proposals submitted to the Energy Commission must include either a copy of proof that the concept paper has been submitted to the Department of Energy or a copy of the concept paper, if it is not confidential.**

<sup>2</sup> If the concept paper is accepted, applications must be received by ARPA-E in 31 days after notification of the concept paper determination. The Energy Commission will determine final proposal dates based on ARPA-E application due dates.

<sup>3</sup> Awards will be made within ninety (90) days after the full application deadline.

**Table 1**

The maximum AB 118 funding available from fiscal years 08/09 and 09/10 is \$175 million. The Energy Commission reserves the right to reduce funding availability or augment the funding source to maximize funding capability.

<b>Fuel/Technology</b>	<b>Project/Activity</b>	<b>Number of Vehicles/Projects</b>	<b>Two-Year Allocation (FY 2008-09 and FY 2009-10)</b>
<b>Electric Drive</b>	Plug-In Hybrid Electric Passenger Vehicle Retrofits	350	\$3.5 Million
	Medium- and Heavy-Duty Hybrid Vehicle RD&D Projects	10	\$10 Million
	Non-Road Deployment Projects for Ports, Truck Stop Electrification, and Other Non-Road Applications	125	\$11.5 Million
	Charging Stations	6500	\$12 Million
	Manufacturing Facilities and Equipment	5	\$9 Million
	Subtotal		\$46 Million
<b>Hydrogen</b>	Public Access Hydrogen Fueling Stations	11	\$40 Million
	Subtotal		\$40 Million
<b>Ethanol</b>	Ethanol Feedstock and Project Feasibility Studies for New Plants	20	\$3 Million
	New Pilot Plants Using Waste Feed Stocks	2	\$4 Million
	E-85 Fueling Stations	50	\$5 Million
	Subtotal		\$12 Million
<b>Renewable Diesel/Biodiesel</b>	Production Plants Using Waste Feed Stocks	5	\$2 Million
	Fuel Terminal Storage and Blending Facilities	2	\$4 Million
	Subtotal		\$6 Million
<b>Natural Gas</b>	Medium- and Heavy-Duty Vehicles for Ports, Trucks, School Buses, and Other Vehicles	700	\$23 Million
	Light-Duty Vehicles	300	\$2 Million
	Fueling Station Installations	20	\$8 Million
	Biomethane Production Plants	Up to 10	\$10 Million
	Subtotal		\$43 Million

<b>Propane</b>	Medium- Duty Propane School Buses and Other Vehicles	Up to 150	\$2 Million
	Subtotal		\$2 Million
<b>Market and Development</b>	Sustainability Studies	2	\$4 Million
	Public Outreach/Education	3	\$1 Million
	Environmental/Market/Technology Analyses	3	\$2 Million
	Subtotal		\$7 Million
	Grand Total		\$156 Million